

FIG. 1

FLK-1	866	ILIHIGHHLNVVNLLGACTKPGGPLMVIVEFSKFGNLSTYLRGKRNEFVPYKSKGARFRQ
KDR		-----C--D-----S-----T-----
TKR-C		-----C-----S-----
FLK-1	926	GKDYVGELSVDLKRRLDSITSSQSSASSGFVEEKSLSDVVEEEEASEELYKDFTLEHLIC
KDR		-----AIP-----P-D-----
TKR-C		-----
FLK-1	986	YSFQVAKGMEFLASRKCIHRDLAARNILLSEKNVVKICDFGLARDIYKDPDYVRKGDARL
KDR		-----
TKR-C		-----

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FIG. 2A

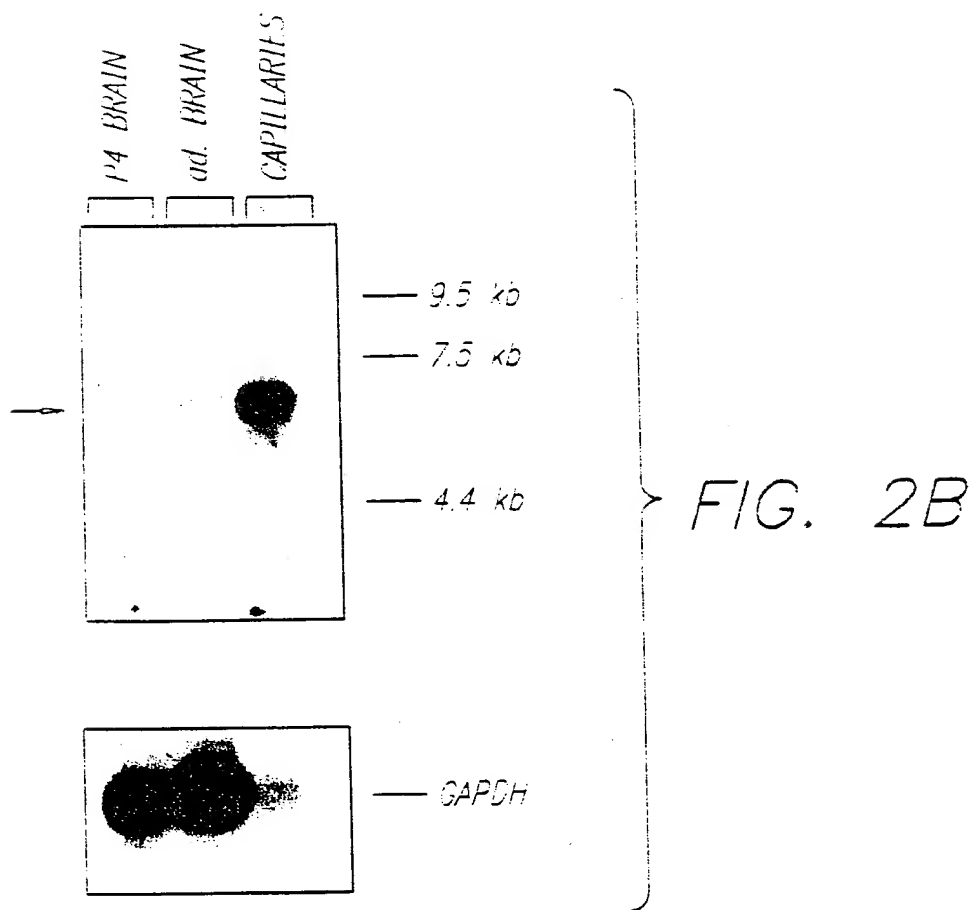
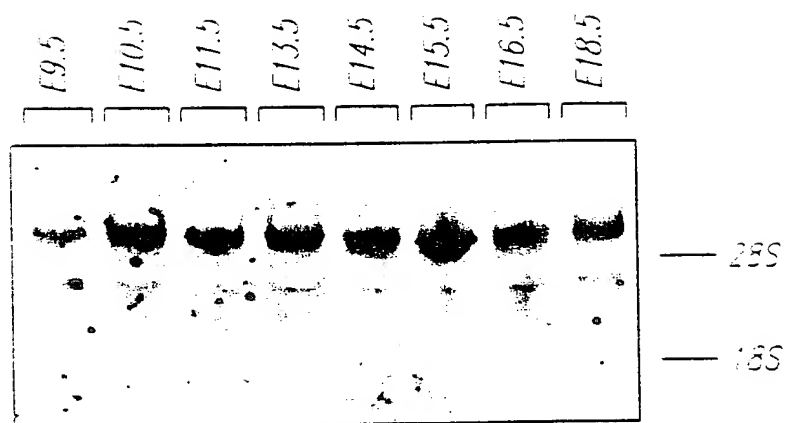
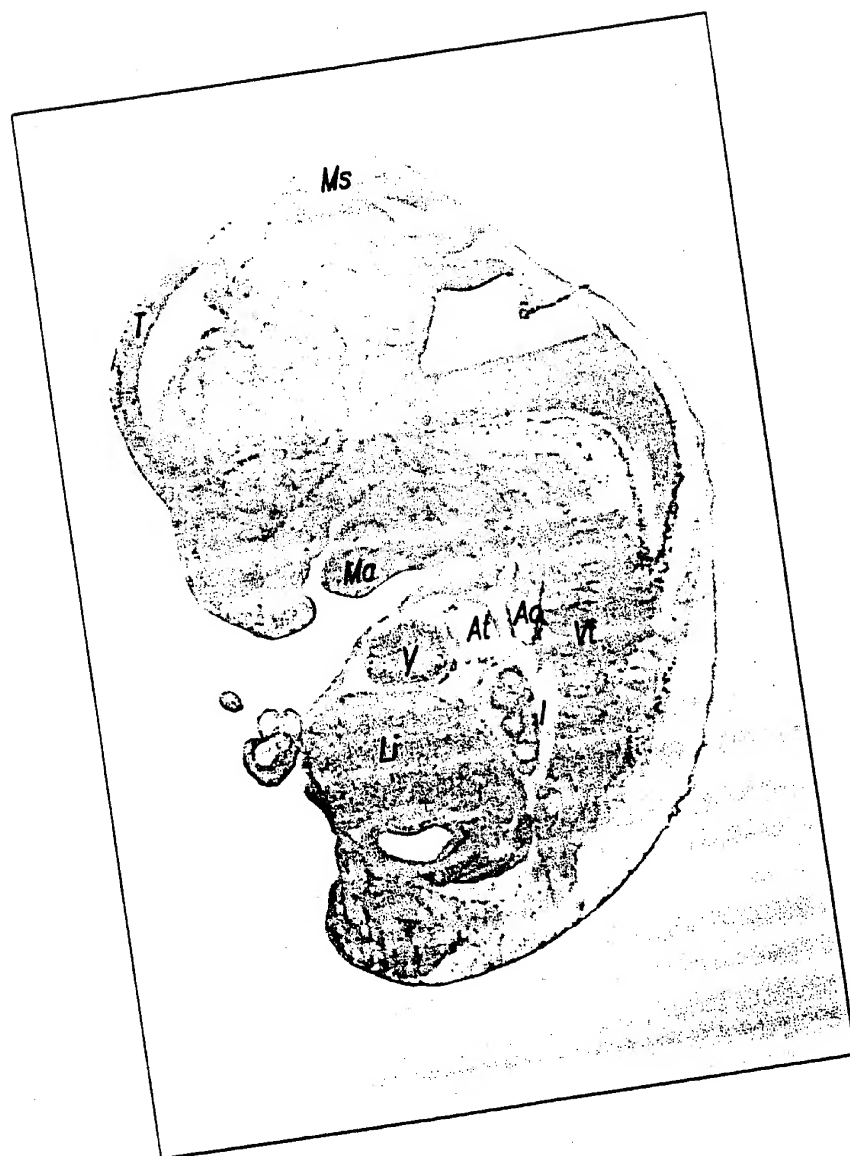


FIG. 3A



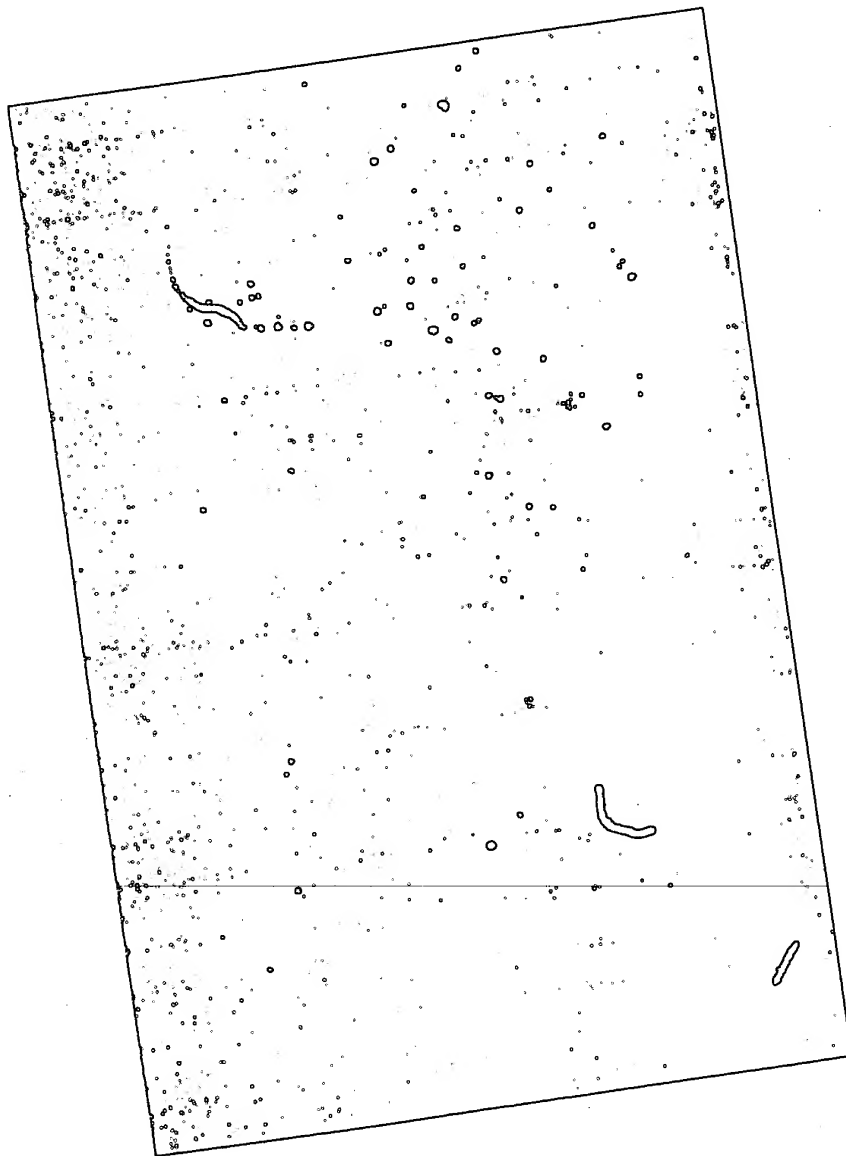
100000x

FIG. 3B



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FIG. 3C



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FIG. 4A

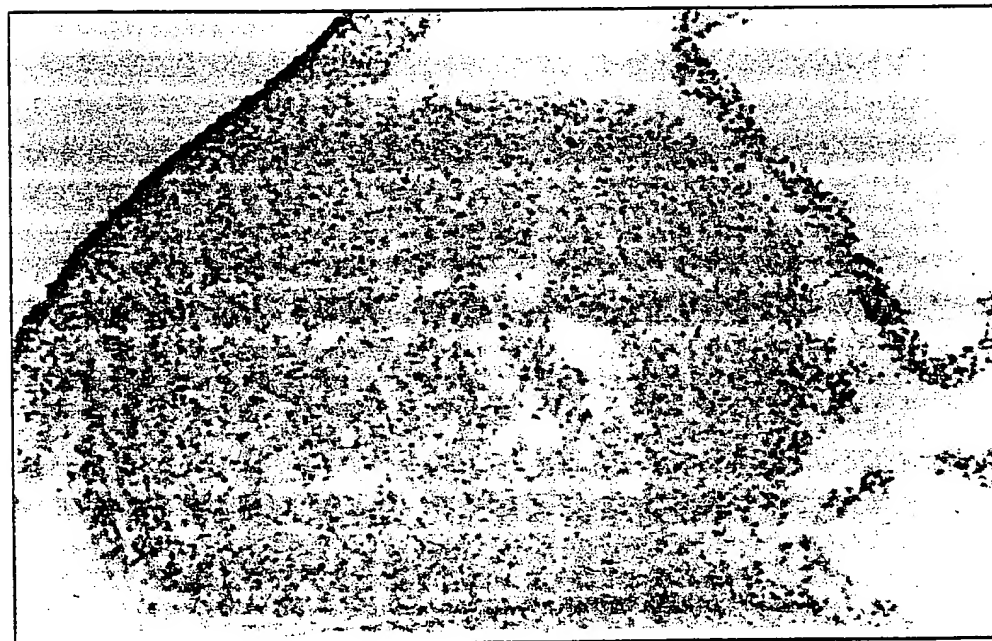
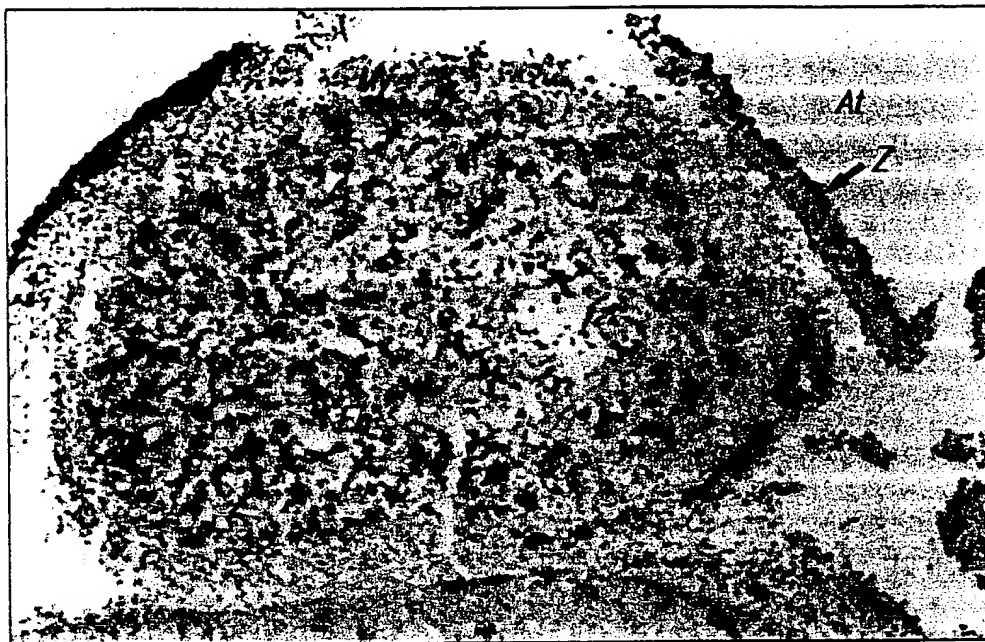


FIG. 4B

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FIG. 4C

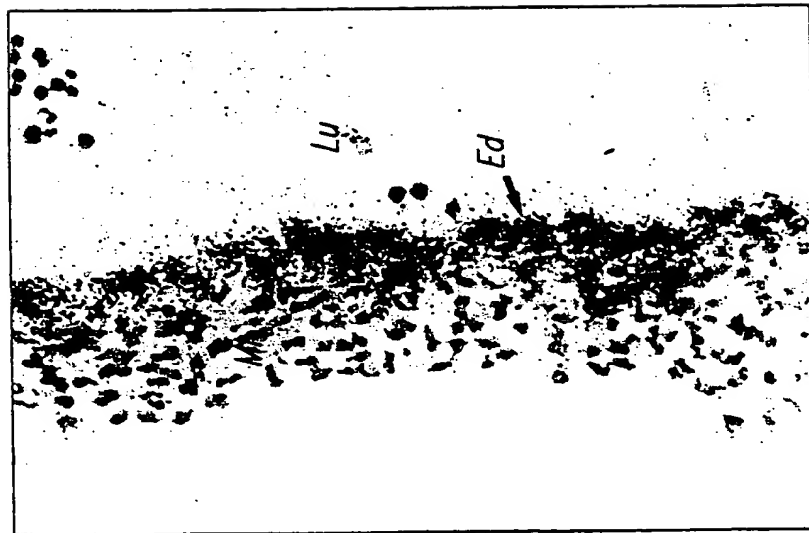


FIG. 4D



FIG. 4E



FIG. 5A

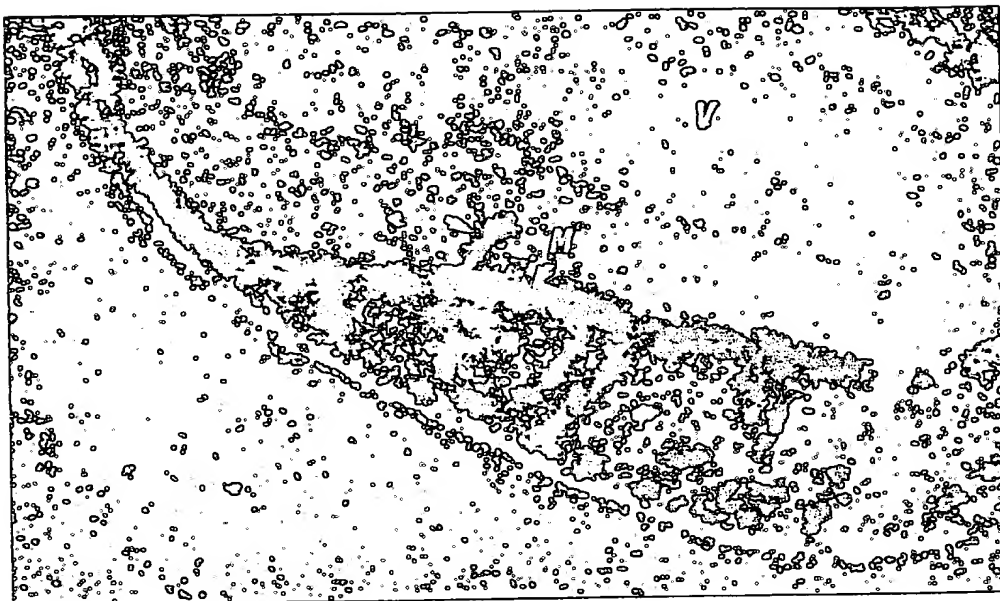


FIG. 5B

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FIG. 5C

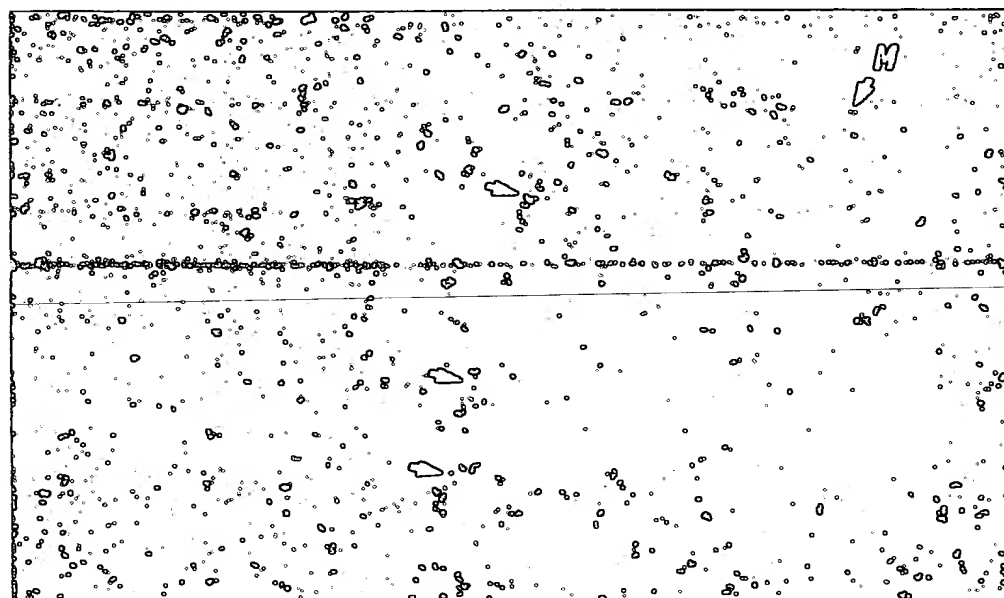
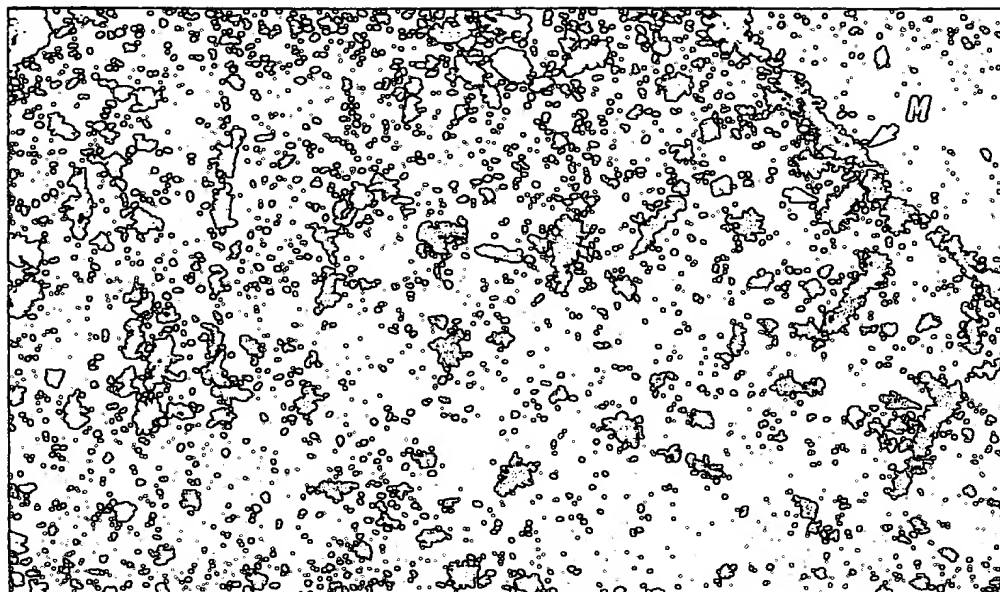


FIG. 5D

FIG. 6A

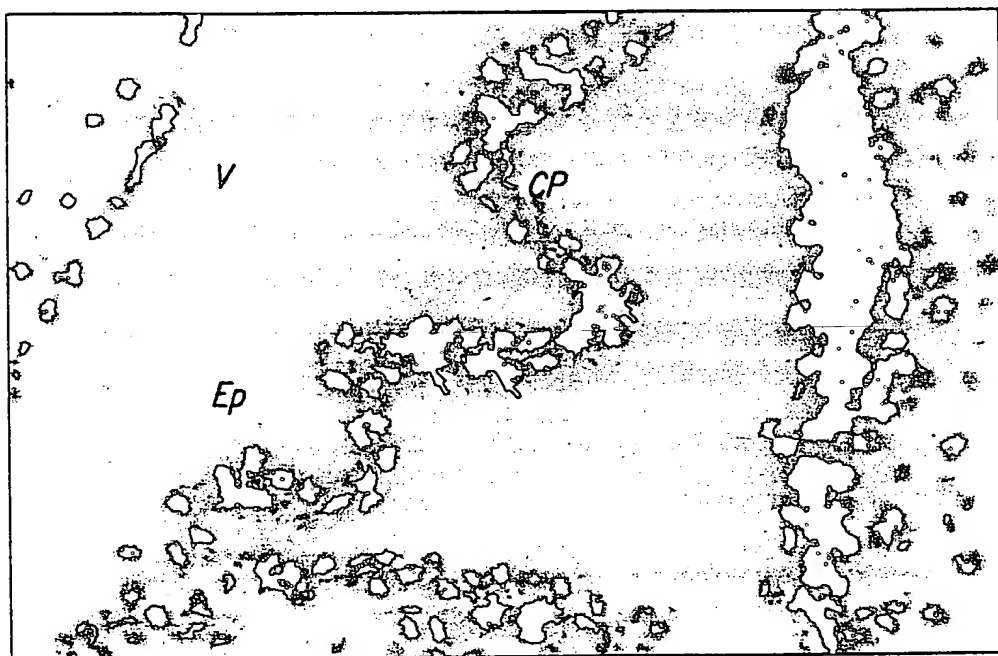
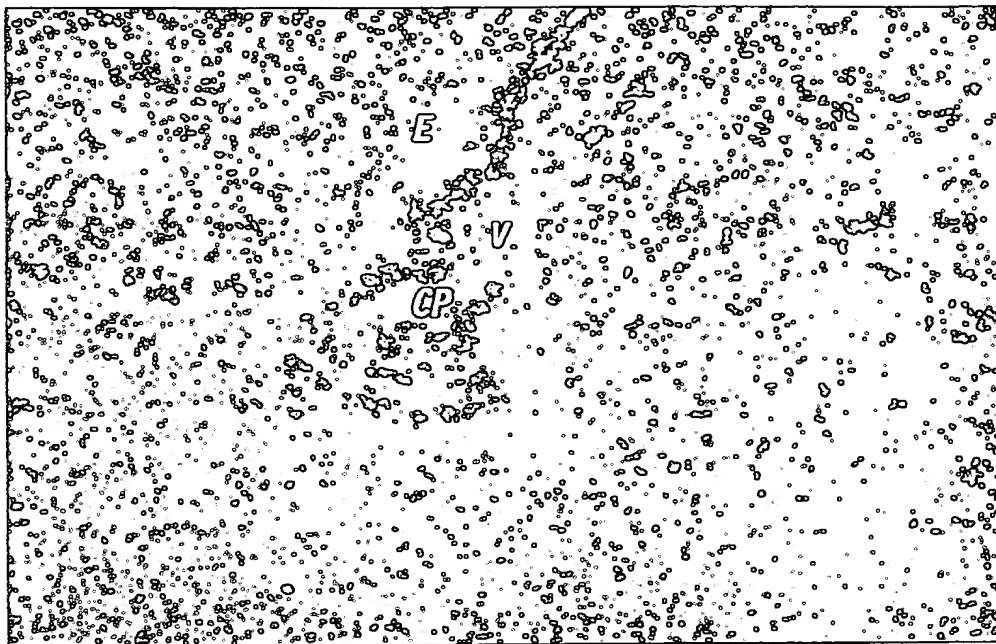


FIG. 6B

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FIG. 7A

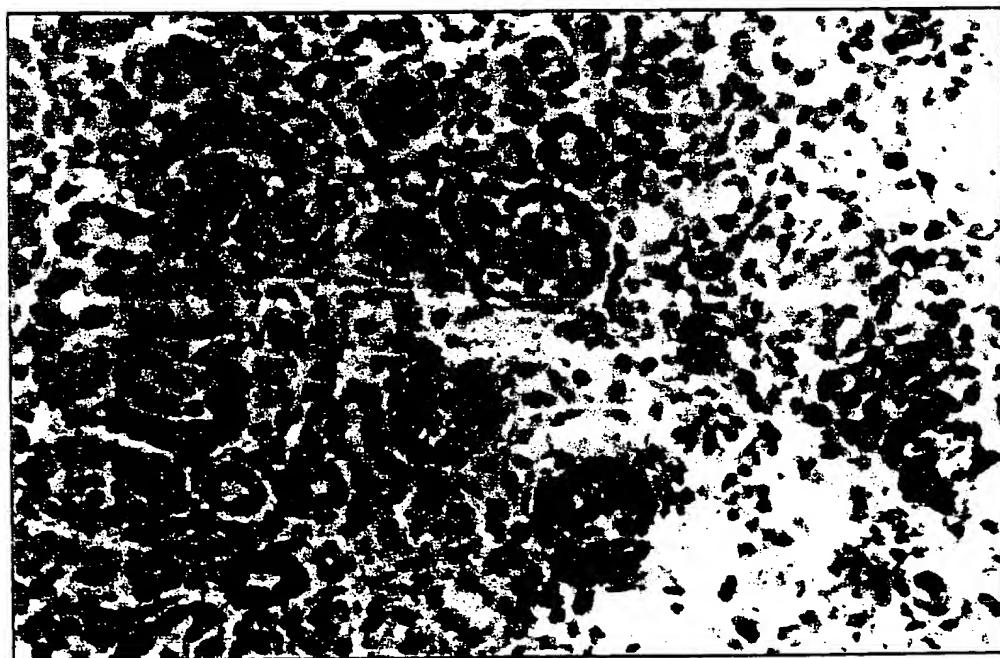
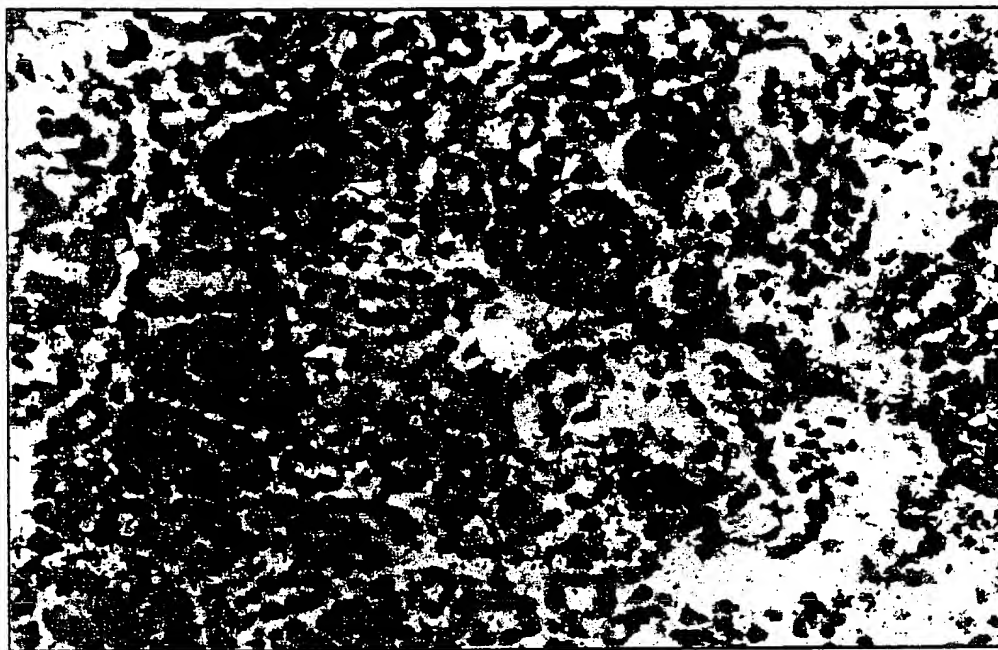


FIG. 7B

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FIG. 7C

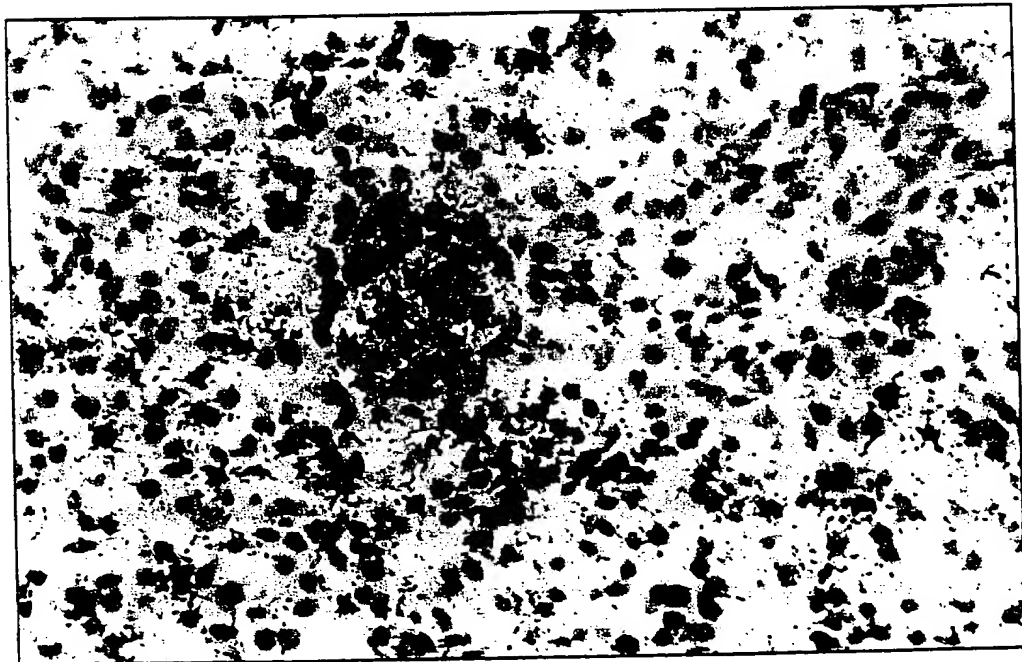


FIG. 7D



FIG. 8A

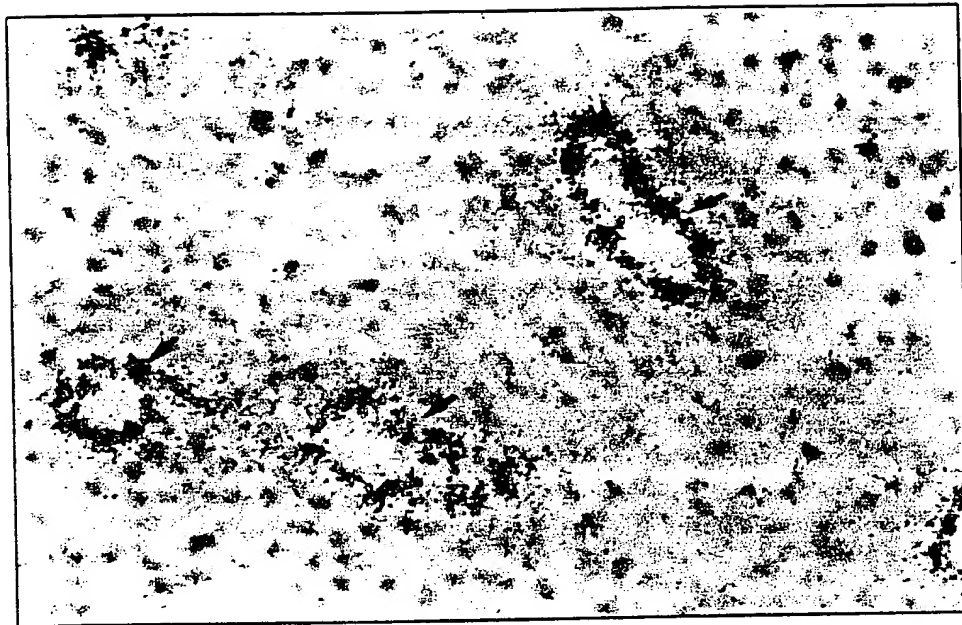


FIG. 8B

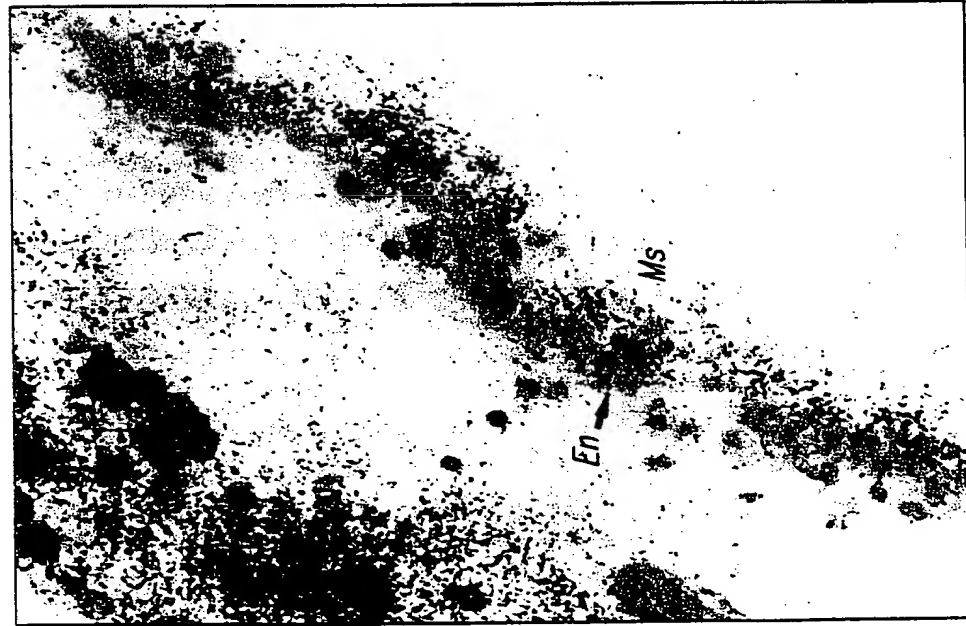


FIG. 8C



FIG. 8D

FIG. 9A

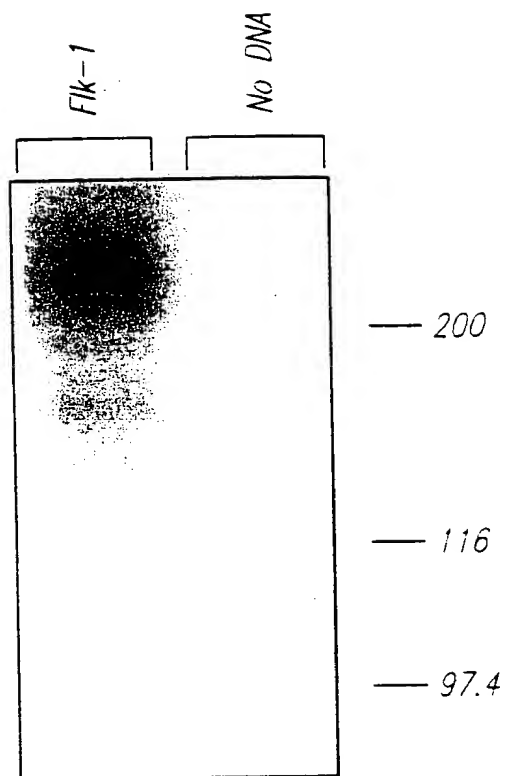


FIG. 10

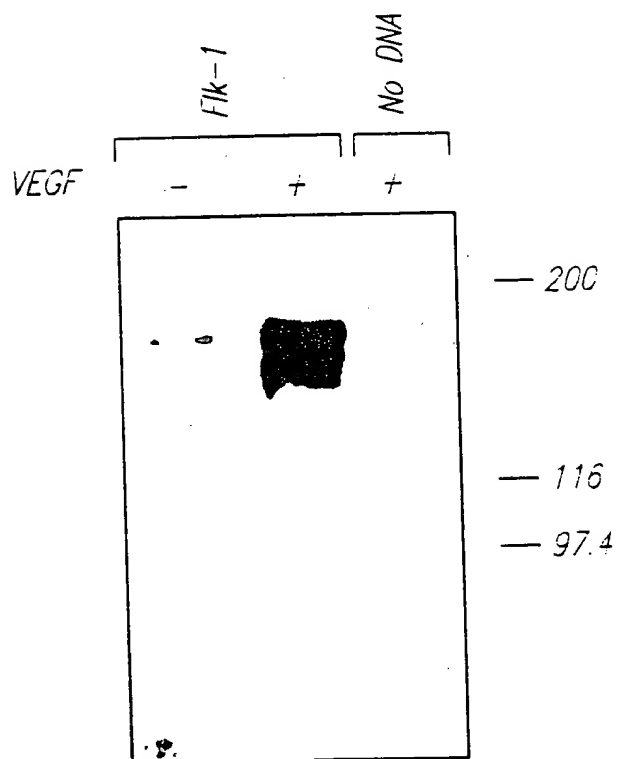


FIG. 11-1

CTGTGTCCCGCAGCCGGGATAACCTGGCTGACCCGATTCCGCGGACACCGCTGACAGCCGCGGCTGGAGCCAGGG 75  
CGCCGGTGCCCCGCGCTCTCCCCGGTCTTGCCTGCGGGGGCCATACCGCCTCTGTGACTTCTTTGCGGGCCAGG 150  
GACGGAGAAGGAGTCTGTGCCTGAGAACTGGGCTCTGTGCCAGGCGCGAGGTGCAGGATGGAGAGCAAGGCGC 225  
M E S K A L

TGCTAGCTGTGCTCTGTGGTTCTGCGTGGAGACCCGAGCCGCTCTGTGGGTTTGAAGTGGCGATTTTCTCCATC 300  
L A V A L W F C V E T R A A S V G L T G D F L H P

CCCCAAGCTCAGCACACAGAAAGACATACTGACAAATTTGGCAAATACAACCTTCAGATTACTTGCAGGGGAC 375  
P K L S T Q K D I L T I L A N T T L Q I T C R G Q

AGCGGGACCTGGACTGGCTTTGGCCCAATGCTCAGCGTGATTCTGAGGAAAGGGTATTGGTGACTGAATGCGGGC 450  
R D L D W L W P N A Q R D S E E R V L V T E C G G

GTGGTGACAGTATCTTCTGCAAAACACTCACCATTCCCAGGGTGGTTGGAAATGATACTGGAGCCTACAAGTGCT 525  
G D S I F C K T L T I P R V V G N D T G A Y K C S

CGTACCGGGACGTCGACATAGCCTCCACTGTTTATGTCTATGTTGAGATTACAGATCACCATTATCGCCTCTG 600  
Y R D V D I A S T V Y V Y V R D Y R S P F I A S V

TCAGTGACCAGCATGGCATCGTGTACATCACCGAGAACAAGAACAAAACCTGTGGTGATCCCCTGCCGAGGGTCGA 675  
S D Q H G I V Y I T E N K N K T V V I P C R G S I

TTTCAAACCTCAATGTGTCTCTTTGCGCTAGGTATCCAGAAAAGAGATTGTTCCGGATGGAAACAGAATTTCT 750  
S N L N V S L C A R Y P E K R F V P D G N R I S W

GGGACAGCGAGATAGGCTTTACTCTCCCCAGTTACATGATCAGCTATGCCGGCATGGTCTTCTGTGAGGCAAAGA 825  
D S E I G F T L P S Y M I S Y A G M V F C E A K I

TCAATGATGAAACCTATCAGTCTATCATGTACATAGTTGTGGTTGTAGGATATAGGATTTATGATGTGATTCTGA 900  
N D E T Y Q S I M Y I V V V V G Y R I Y D V I L S

GCCCCCGCATGAAATTGAGCTATCTGCCGGAGAAAACTGTCTTAAATTGTACAGCGAGAACAGAGCTCAATG 975  
P P H E I E L S A G E K L V L N C T A R T E L N V

TGGGGCTTGATTTACCTGGCACTCTCCACCTTCAAAGTCTCATCATAAGAAGATTGTAAACCGGGATGTGAAAC 1050  
G L D F T W H S P P S K S H H K K I V N R D V K P

CCTTCTCTGGGACTGTGGCGAAGATGTTTTTGTAGCACCTTGACAATAGAAAGTGTGACCAAGAGTGACCAAGGGG 1125  
F P G T V A K M F L S T L T I E S V T K S D Q G E

AATACACCTGTGTAGCGTCCAGTGGACGGATGATCAAGAGAAATAGAACATTTGTCCGAGTTCACACAAAGCCTT 1200  
Y T C V A S S G R M I K R N R T F V R V H T K P F

TTATTGCTTTTCGGTAGTGGGATGAAATCTTTGGTGAAGCCACAGTGGGCAGTCAAGTCCGAATCCCTGTGAAGT 1275  
I A F G S G M K S L V E A T V G S Q V R I P V K Y

ATCTCAGTTACCCAGCTCCTGATATCAAATGGTACAGAAATGGAAGGCCATTGAGTCCAACCTACACAATGATTG 1350  
L S Y P A P D I K W Y R N G R P I E S N Y T M I V

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# FIG. 11-2

TTGGCGATGAACTCACCATCATGGAAGTGACTGAAAGAGATGCAGGAACTACACGGTCATCCTCACCAACCCCA 1425  
G D E L T I M E V T E R D A G N Y T V I L T N P I

TTTCAATGGAGAAACAGAGCCACATGGTCTCTCTGGTTGTGAATGTCCCACCCAGATCGGTGAGAAAGCCTTGA 1500  
S M E K Q S H M V S L V V N V P P Q I G E K A L I

TCTCGCCTATGGATTCTACCAGTATGGGACCATGCAGACATTGACATGCACAGTCTACGCCAACCTCCCTGC 1575  
S P M D S Y Q Y G T M Q T L T C T V Y A N P P L H

ACCACATCCAGTGGTACTGGCAGCTAGAAGAAGCCTGCTCCTACAGACCCGGCCAAACAAGCCCGTATGCTTGTA 1650  
H I Q W Y W Q L E E A C S Y R P G Q T S P Y A C K

AAGAATGGAGACACGTGGAGGATTTCCAGGGGGGAAACAAGATCGAAGTCACCAAAAACCAATATGCCCTGATTG 1725  
E W R H V E D F Q G G N K I E V T K N Q Y A L I E

AAGGAAAAAACAAACTGTAAGTACGCTGGTCATCCAAGCTGCCAACGTGTCAGCGTTGTACAAATGTGAAGCCA 1800  
G K N K T V S T L V I Q A A N V S A L Y K C E A I

TCAACAAAGCGGGACGAGGAGAGAGGGTCATCTCCTTCCATGTGATCAGGGGTCTGAAATTACTGTGCAACCTG 1875  
N K A G R G E R V I S F H V I R G P E I T V Q P A

CTGCCCAGCCAACTGAGCAGGAGAGTGTGTCCCTGTTGTGCACTGCAGACAGAAATACGTTTGAGAACCTCACGT 1950  
A Q P T E Q E S V S L L C T A D R N T F E N L T W

GGTACAAGCTTGGCTCACAGGCAACATCGGTCCACATGGGCGAATCACTCACACCAGTTTGCAAGAACTTGGATG 2025  
Y K L G S Q A T S V H M G E S L T P V C K N L D A

CTCTTTGGAACTGAATGGCACCATGTTTTCTAACAGCACAAATGACATCTTGATTGTGGCATTTCAGAATGCCT 2100  
L W K L N G T M F S N S T N D I L I V A F Q N A S

CTCTGCAGGACCAAGGCGACTATGTTTGCTCTGCTCAAGATAAGAAGACCAAGAAAAGACATTGCCTGGTCAAAC 2175  
L Q D Q G D Y V C S A Q D K K T K K R H C L V K Q

AGCTCATCATCCTAGAGCGCATGGCACCCATGATCACCGGAAATCTGGAGAATCAGACAACAACCATTTGGCGAGA 2250  
L I I L E R M A P M I T G N L E N Q T T T I G E T

CCATTGAAGTGACTTGGCCAGCATCTGGAAATCCTACCCACACATTACATGGTTCAAAGACAACGAGACCCTGG 2325  
I E V T C P A S G N P T P H I T W F K D N E T L V

TAGAAGATTCAAGCATTGTACTGAGAGATGGGAACCGGAACCTGACTATCCGCAGGGTGAGGAAGGAGGATGGAG 2400  
E D S G I V L R D G N R N L T I R R V R K E D G G

GCCTCTACACCTGCCAGGCCTGCAATGTCCTTGGCTGTGCAAGAGCGGAGACGCTCTTCATAATAGAAGGTGCCC 2575  
L Y T C Q A C N V L G C A R A E T L F I I E G A Q

AGGAAAAGACCAACTTGGAAGTCATTATCCTCGTCGGCACTGCAGTGATTGCCATGTTCTTCTGGCTCCTTCTTG 2550  
E K T N L E V I I L V G T A V I A M F F W L L L V

TCATTGTCCTACGGACCGTTAAGCGGGCCAATGAAGGGGAACTGAAGACAGGCTACTTGTCTATTGTCATGGATC 2625  
I V L R T V K R A N E G E L K T G Y L S I V M D P

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# FIG. 11-3

CAGATGAATTGCCCTTGGATGAGCGCTGTGAACGCTTGCTTATGATGCCAGCAAGTGGGAATTCCCCAGGGACC 2700  
 D E L P L D E R C E R L P Y D A S K W E F P R D R

GGCTGAAACTAGGAAAACCTCTTGGCCGCGGTGCCTTCGGCCAAGTGATTGAGGCAGACGCTTTTGAATTGACA 2775  
 L K L G K P L G R G A F G Q V I E A D A F G I D K

AGACAGCGACTTGCAAAACAGTAGCCGTCAAGATGTTGAAAGAAGGAGCAACACACAGCGAGCATCGAGCCCTCA 2850  
 T A T C K T V A V K M L K E G A T H S E H R A L M

TGTCTGAACTCAAGATCCTCATCCACATTGGTCACCATCTCAATGTGGTGAACCTCCTAGGCGCTGCACCAAGC 2925  
 S E L K I L I H I G H L N V V N L L G A C T K P

CGGGAGGGCCTCTCATGGTGATTCTGCAATTCTCGAAGTTTGGAAACCTATCAACTTACTTACGGGGCAAGAGAA 3000  
 G G P L M V I L Q F S K F G N L S T Y L R G K R N

ATGAATTTGTTCCCTATAAGAGCAAAGGGGCACGCTTCGCCAGGGCAAGGACTACGTTGGGGAGCTCTCCGTGG 3075  
 E F V P Y K S K G A R F R Q G K D Y V G E L S V D

ATCTGAAAAGACGCTTGGACAGCATCACCAGCAGCCAGAGCTCTGCCAGCTCAGGCTTTGTTGAGGAGAAATCGC 3150  
 L K R R L D S I T S S Q S S A S S G F V E E K S L

TCAGTGATGTAGAGGAAGAAGAAGCTTCTGAAGAACTGTACAAGGACTTCCTGACCTTGGAGCATCTCATCTGTT 3225  
 S D V E E E E A S E E L Y K D F L T L E H L I C Y

ACAGCTTCCAAGTGGCTAAGGGCATGGAGTTCTTGGCATCAAGGAAGTGTATCCACAGGGACCTGGCAGCACGAA 3300  
 S F Q V A K G M E F L A S R K C I H R D L A A R N

ACATTCTCCTATCGGAGAAGAATGTGGTTAAGATCTGTGACTTCGGCTTGGCCCGGGACATTTATAAAGACCCGG 3375  
 I L L S E K N V V K I C D F G L A R D I Y K D P D

ATTATGTCAGAAAAGGAGATGCCCGACTCCCTTTGAAGTGGATGGCCCCGGAACCATTTTTGACAGAGTATACA 3450  
 Y V R K G D A R L P L K W M A P E T I F D R V Y T

CAATTCAGAGCGATGTGTGGTCTTTGGTGTGTTGCTCTGGGAAATATTTTCTTAGGTGCCTCCCCATACCCTG 3525  
 I Q S D V W S F G V L L W E I F S L G A S P Y P G

GGGTCAAGATTGATGAAGAATTTTGTAGGAGATTGAAAGAAGGAAGTGAATGCGGGCTCCTGACTACACTACCC 3600  
 V K I D E E F C R R L K E G T R M R A P D Y T T P

CAGAAATGTACCAGACCATGCTGGACTGCTGGCATGAGGACCCCAACCAGAGACCCTCGTTTTTCAGAGTTGGTGG 3675  
 E M Y Q T M L D C W H E D P N Q R P S F S E L V E

AGCATTTGGGAAACCTCCTGCAAGCAAATGCGCAGCAGGATGGCAAAGACTATATTGTTCTTCCAATGTCAGAGA 3750  
 H L G N L L Q A N A Q Q D G K D Y I V L P M S E T

CACTGAGCATGGAAGAGGATTCTGGACTCTCCCTGCCTACCTCACCTGTTTCTGTATGGAGGAAGAGGAAGTGT 3825  
 L S M E E D S G L S L P T S P V S C M E E E E V C

GCGACCCCAAATTCCATTATGACAACACAGCAGGAATCAGTCATTATCTCCAGAACAGTAAGCGAAAGAGCCGGC 3900  
 D P K F H Y D N T A G I S H Y L Q N S K R K S R P

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# FIG. 11-4

CAGTGAGTGTAAAAACATTTGAAGATATCCCATTTGGAGGAACCAGAAGTAAAAGTGATCCAGATGACAGCCAGA 3975  
 V S V K T F E D I P L E E P E V K V I P D D S Q T  
 CAGACAGTGGGATGGTCCTTGCATCAGAAGAGCTGAAAACCTCTGGAAGACAGGAACAAATTATCTCCATCTTTTG 4050  
 D S G M V L A S E E L K T L E D R N K L S P S F G  
 GTGGAATGATGCCCAGTAAAAGCAGGGAGTCTGTGGCCTCGGAAGGCTCCAACCAGACCAGTGGCTACCAGTCTG 4125  
 G M M P S K S R E S V A S E G S N Q T S G Y Q S G  
 GGTATCACTCAGATGACACAGACACCACCGTGTACTCCAGCGACGAGGCAGGACTTTTAAAGATGGTGGATGCTG 4200  
 Y H S D D T D T T V Y S S D E A G L L K M V D A A  
 CAGTTCACGCTGACTCAGGGACCACACTGAGCTCACCTCCTGTTTAAATGGAAGTGGTCCTGTCCCGGCTCCGCC 4275  
 V H A D S G T T L S S P P V  
 CCCAACTCCTGGAAATCACGAGAGAGGTGCTGCTTAGATTTTCAAGTGTGTCTTTCCACCACCCGGAAGTAGC 4350  
 CACATTTGATTTTCATTTTTGGAGGAGGGACCTCAGACTGCAAGGAGCTTGTCTCAGGGCATTTCAGAGAAGA 4425  
 TGCCCATGACCCAAGAATGTGTTGACTCTACTCTCTTTTCCATTCAATTTAAAAGTCCTATATAATGTGCCCTGCT 4500  
 GTGGTCTCACTACCAGTTAAAGCAAAAGACTTTCAAACACGTGGACTCTGTCTCCAAGAAGTGGCAACGGCACC 4575  
 TCTGTGAAACTGGATCGAATGGGCAATGCTTTGTGTGTTGAGGATGGGTGAGATGTCCAGGGCCGAGTCTGTCT 4650  
 ACCTTGGAGGCTTTGTGGAGGATGCGGGCTATGAGCCAAGTGTTAAGTGTGGGATGTGGACTGGGAGGAAGGAAG 4725  
 GCGCAAGCCGTCCGGAGAGCGGTTGGAGCCTGCAGATGCATTGTGCTGGCTCTGGTGGAGGTGGGCTTGTGGCCT 4800  
 GTCAGGAAACGCAAAGGCGGCCGGCAGGGTTTGGTTTTGGAAGTTTGCCTGCTCTTCACAGTCGGGTTACAGGC 4875  
 GAGTTCCTGTGGCGTTTCTACTCCTAATGAGAGTTCCTTCCGGACTCTTACGTGTCTCCTGGCCTGGCCCCAG 4950  
 GAAGGAAATGATGCAGCTTGCTCCTTCTCATCTCTCAGGCTGTGCCTTAATTCAGAACACCAAAGAGAGGAAC 5025  
 GTCGGCAGAGGCTCCTGACGGGGCCGAAGAATTGTGAGAACAGAACAGAACTCAGGGTTTCTGCTGGGTGGAGA 5100  
 CCCACGTGGCGCCCTGGTGGCAGGTCTGAGGGTTCTCTGTCAAGTGGCGGTAAAGGCTCAGGCTGGTGTCTTCC 5175  
 TCTATCTCCACTCCTGTGAGGCCCAAGTCTCAGTATTTTAGCTTTGTGGCTTCTGATGGCAGAAAAATCTT 5250  
 AATTGGTTGGTTTGTCTCTCAGATAATCACTAGCCAGATTTTCAAATTAATTTTGTAGCCGAGGTTATGATAACAT 5325  
 CTACTGTATCCTTTAGAATTTTAACCTATAAACTATGTCTACTGGTTTCTGCCTGTGTGCTTATGTT 5393

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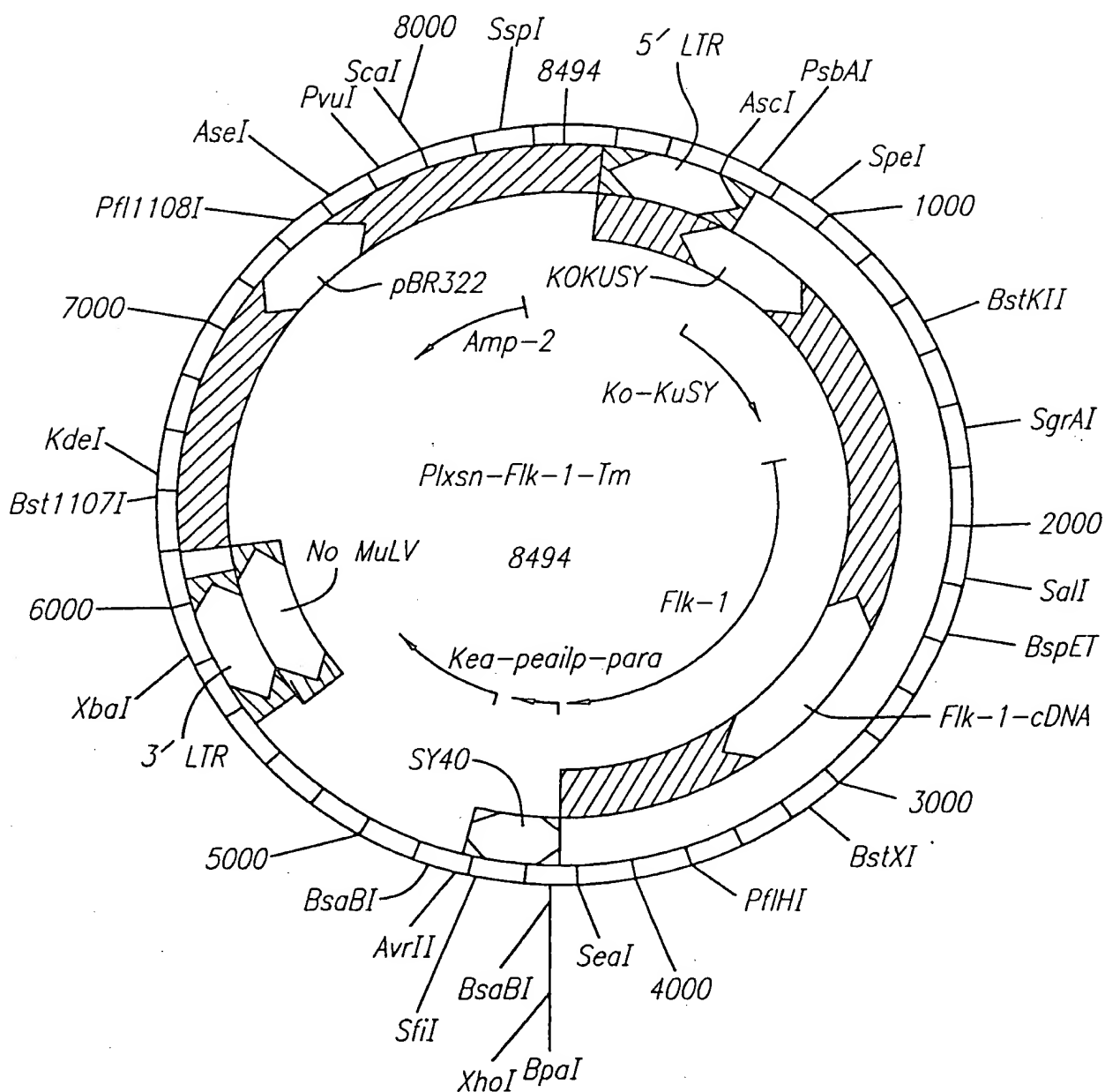


FIG. 12A

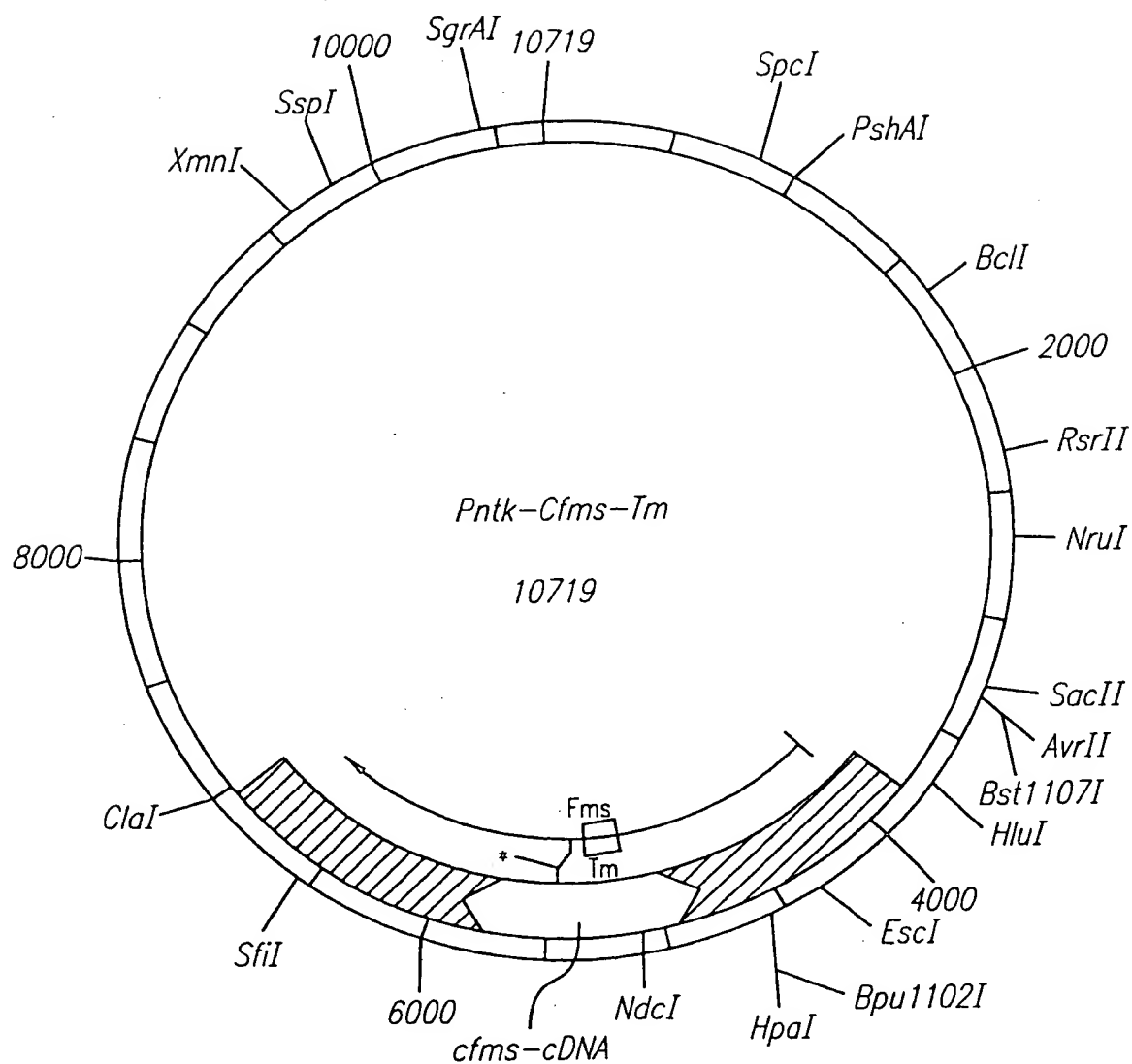


FIG. 12B



FIG. 9B

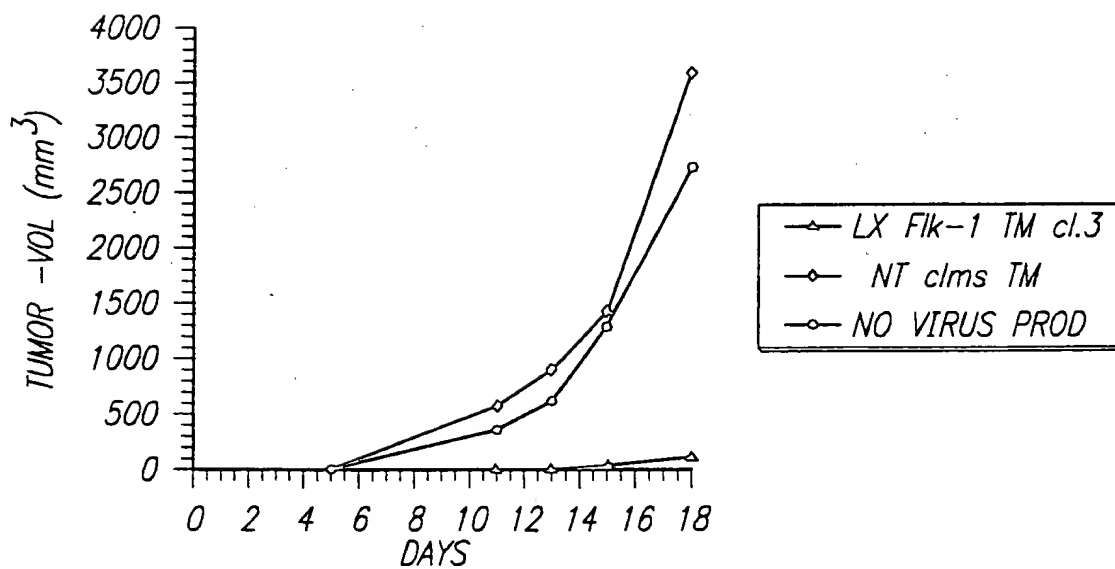
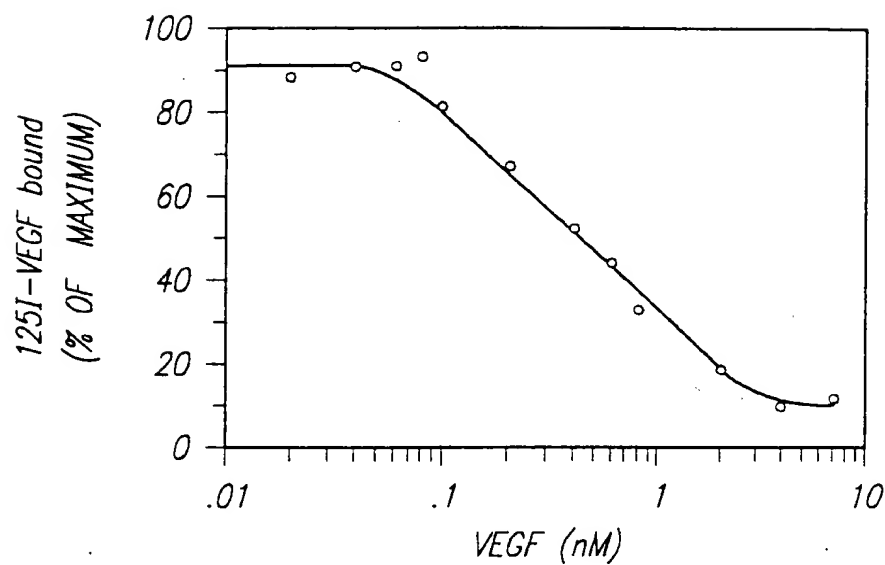


FIG. 13

The graph illustrates the growth of tumor volume (mm³) over an 18-day period for four different experimental groups. The y-axis represents tumor volume in mm³, ranging from 0 to 2500. The x-axis represents time in days, ranging from 0 to 18. The groups are: LX Flk-1 TM cl.1 (triangles), LX Flk-1 TM cl.3 (inverted triangles), NT clms TM (circles), and No virusprod. (diamonds). LX Flk-1 TM cl.1 and NT clms TM show rapid growth, while LX Flk-1 TM cl.3 and No virusprod. show minimal growth.

DAYS	LX Flk-1 TM cl.1 (mm³)	LX Flk-1 TM cl.3 (mm³)	NT clms TM (mm³)	No virusprod. (mm³)
0	0	0	0	0
7	100	50	150	100
9	250	100	250	150
11	550	150	550	200
14	1400	200	1100	250
17	2100	300	1750	300

The graph plots tumor volume in mm³ against time in days. The y-axis ranges from 0 to 2000 mm³, and the x-axis ranges from 0 to 20 days. Two data series are shown: 'Fik-1 TM' (represented by open squares) and 'NO VIRUS' (represented by open circles). The 'NO VIRUS' group shows a rapid, exponential-like increase in tumor volume, reaching approximately 1600 mm³ by day 18. The 'Fik-1 TM' group shows a much slower, more linear increase, reaching approximately 750 mm³ by day 18.

DAYS	Fik-1 TM (mm³)	NO VIRUS (mm³)
0	0	0
5	~100	~150
12	~250	~700
16	~450	~1250
18	~750	~1600

FIG. 15

FIG. 16A

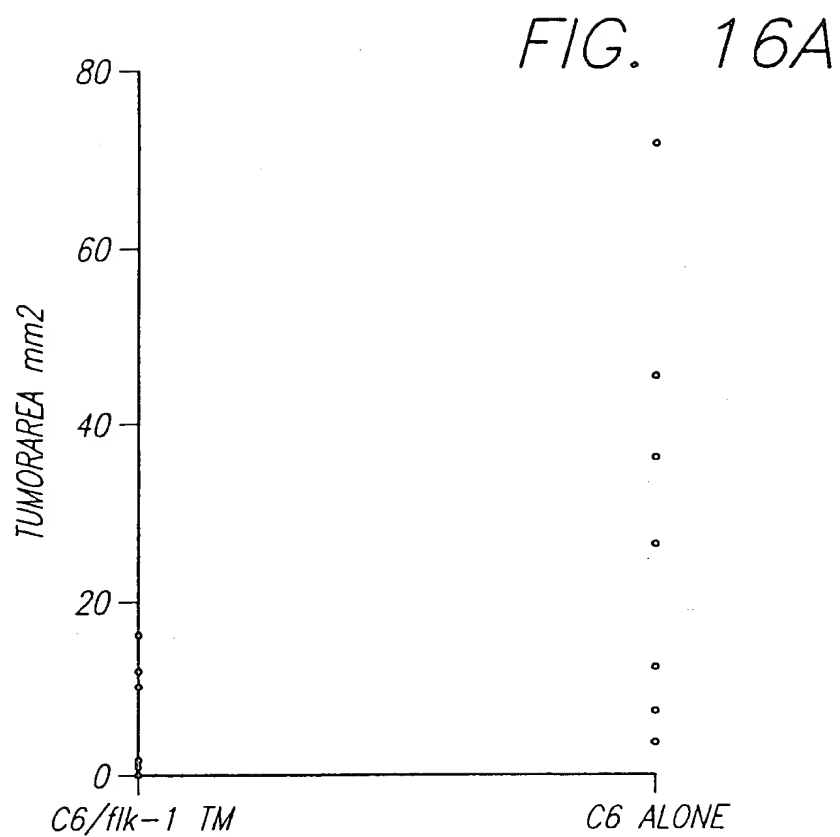


FIG. 16B

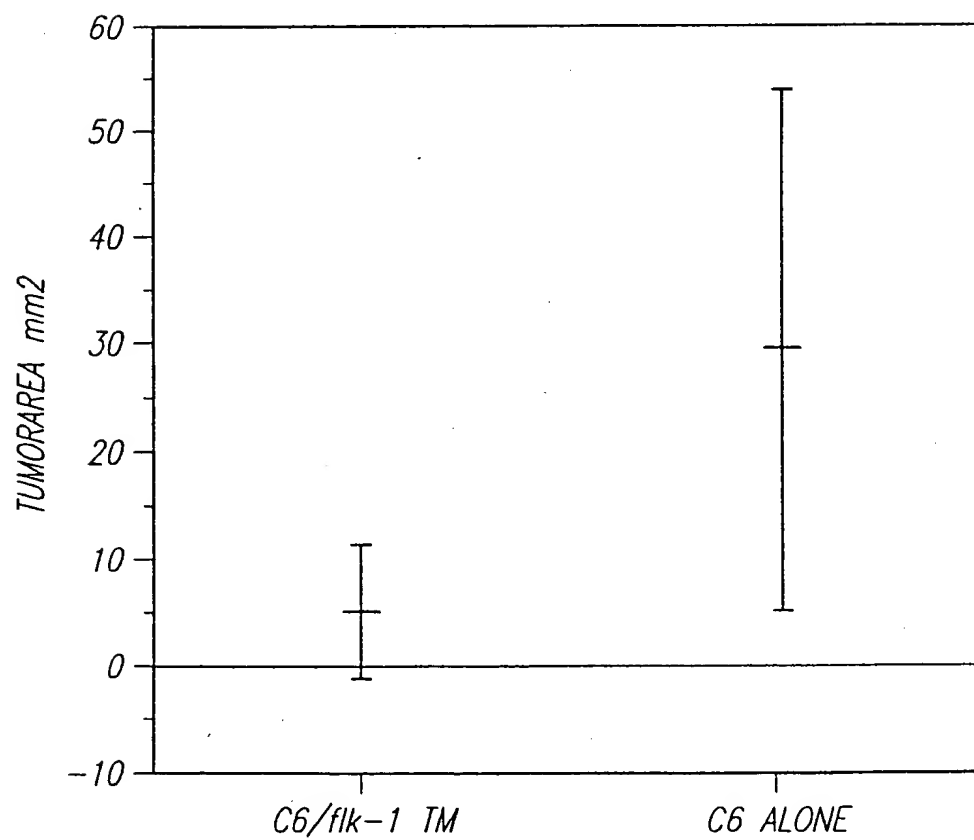
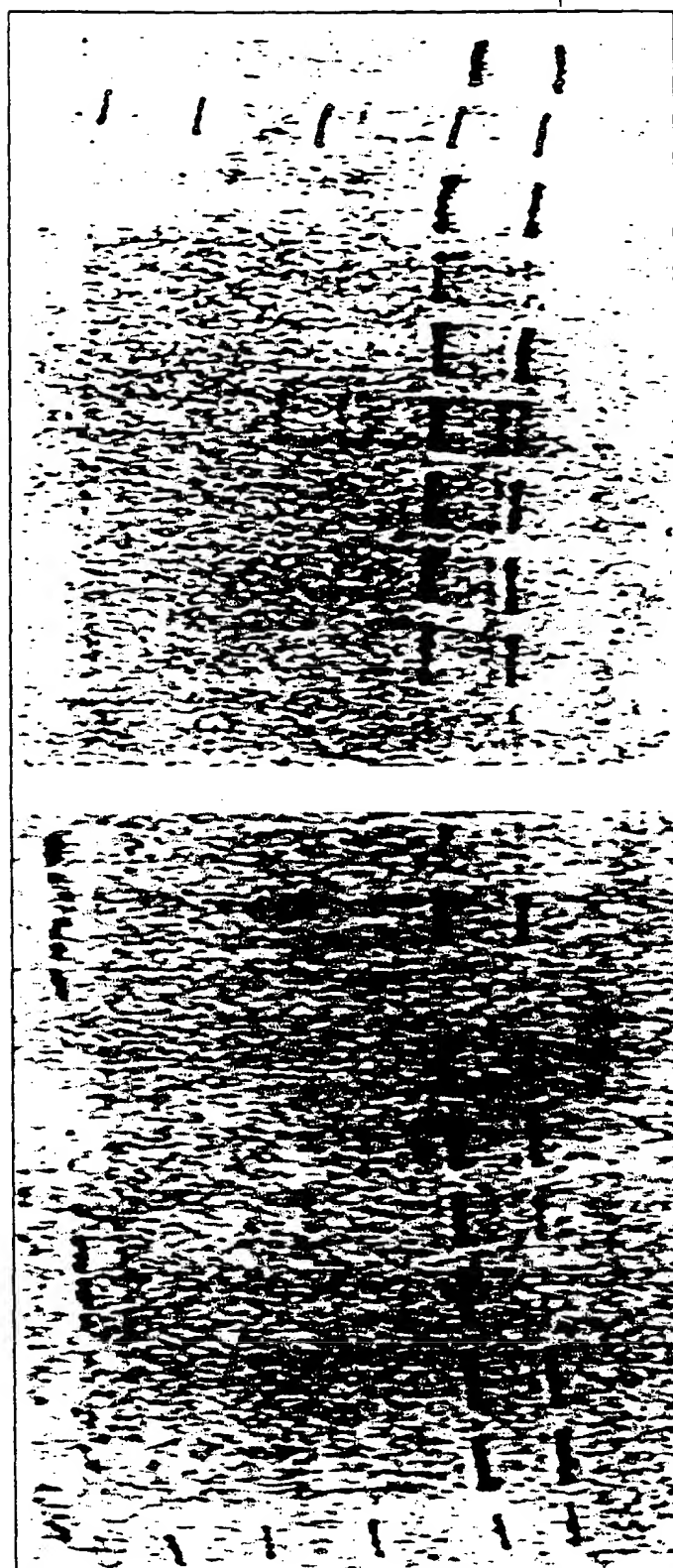




FIG. 17

FLK-1



CONTROL

MARKER

CONTROL

A1

A2

A3

A4

A5

A6

A7

A8

A9

A10

A11

A12

A13

A14

CONTROL

CONTROL

MARKER

FLK-1